|  |  |  |  |
| --- | --- | --- | --- |
| **Category:** 1. **Computers** | | | |
| **Sub Category:**  **A. Desktop B. Laptop C. Tablet**  **D. Chromebook** | **Item:** | | **Comments:** |
| **A, B, C, D** | Acer | |  |
| **A, B, C** | Apple | |  |
| **C, D** | Asus | | C100 Rockchip flip only |
| **A, B, C, D** | Dell | |  |
| **A, B, C, D** | HP | |  |
| **A, B, C, D** | Lenovo | |  |
|  | Nexlink | | Seneca Data –NNI |
| **D** | Samsung | | Chromebook only |
| **A, B, C, D** | Sony | |  |
| **A, B, C, D** | Toshiba | |  |
|  |  | |  |
| **Category:** 2. **Operating Systems** | | | |
| **Sub Category:** | **Item:** | **Comments:** | |
| 1. **Network** | Linux | Red Hat Version 7.X or newer Ubuntu | |
|  | Mac OS X Server |  | |
|  | Novell |  | |
|  | VMWare | Infrastructure 4 (or newer) | |
|  | Windows 2008 and newer | Windows 2003-NNI (End of life 6/14/13) | |
|  |  |  | |
| 1. **Workstations** | Chrome OS |  | |
|  | Linux | Red Hat Version 7.X or newer Ubuntu | |
|  | Mac OS X |  | |
|  | Thin Zero Client |  | |
|  | Windows 7 and newer | Any Non-Pro version of 8 not allowed if equipment is expected to connect to the network | |
|  | Windows Vista | Not Recommended—NNI | |
|  |  |  | |
| 1. **Tablets** | Android 3.1 (or above) | OS, Applications and Hardware capability must be verified by Michelle Okal or Jan Mathis prior to purchase | |
|  | iOS4.1 (or above) | OS, Applications and Hardware capability must be verified by Michelle Okal or Jan Mathis prior to purchase | |
| **Category:** 3**. Internet Browsers** | | | |
| **Sub Category:** | **Item:** | **Comments:** | |
|  | Chrome |  | |
|  | Firefox |  | |
|  | Internet Explorer | IE 8.0 and newer | |
|  | Safari |  | |
|  |  |  | |
| 4. **NIC Cards** | | | |
| **Sub Category:** | **Item:** | **Comments:** | |
| 1. **Ethernet 10/100/Gig e/Wireless** | OEM | By PC manufacturer on Standards List; Use of “B” not recommended | |
| 5. **Plotters** | | | |
| **Sub Category:** | **Item:** | **Comments:** | |
|  | HP | Specific services only | |
| 6. **Printers** | | | |
| **Sub Category:** | **Item:** | **Comments:** | |
| 1. **3D** | Airwold 3D | The current bid number is B14-TDP0723 | |
|  | MakerBot | The current bid number is B14-TDP0723 | |
| 1. **High Speed Networked Digital** | Canon | Selected models that are listed on the Erie 1 BOCES bid #15-DP0520 | |
|  | Konica-Minolta | Selected models that are listed on the Erie 1 BOCES bid #15-DP0520 | |
|  | Kyocera Mita | Selected models that are listed on the Erie 1 BOCES bid #15-DP0520 | |
|  | Oce’ | Selected models that are listed on the Erie 1 BOCES bid #15-DP0520 | |
|  | Panasonic | Selected models that are listed on the Erie 1 BOCES bid #15-DP0520 | |
|  | Ricoh | Selected models that are listed on the Erie 1 BOCES bid #15-DP0520 | |
|  | Sharp | Selected models that are listed on the Erie 1 BOCES bid #15-DP0520 | |
|  | Toshiba | Selected models that are listed on the Erie 1 BOCES bid #15-DP0520 | |
|  | Xerox | Selected models that are listed on the Erie 1 BOCES bid #15-DP0520 | |
| 1. **Standard** | Dell |  | |
|  | Epson |  | |
|  | HP |  | |
|  | Lexmark |  | |
|  | Okidata |  | |
|  | PTM Document Systems | Print to mail units for Standards supported printers | |
|  | Ricoh |  | |
|  | Xerox |  | |
| **7. Scanners** | | | |
| **Sub Category:** | **Item:** | **Comments:** | |
|  | Canon |  | |
|  | HP |  | |
|  |  | Others as required or recommended by specific supported services/applications | |
|  |  |  | |
| **8. Software** | | | |
| **Sub Category:** | **Item:** | **Comments:** | |
| 1. **Anti -Theft/Data Protection** | Absolute Computrace |  | |
| 1. **Collaborative Software** | Exchange |  | |
|  | Lotus Notes |  | |
| 1. **Desktop Image Protection** | Clean Slate | NNI- Refer to WNYRIC Point Management Best Practices | |
|  | Deep Freeze | NNI- Refer to WNYRIC Point Management Best Practices | |
|  | Fool Proof | NNI- Refer to WNYRIC Point Management Best Practices | |
|  | Fortress 101 | NNI- Refer to WNYRIC Point Management Best Practices | |
|  | ZenWorks | NNI- Refer to WNYRIC Point Management Best Practices | |
| 1. **Desktop Imaging** | Symantec Ghost |  | |
| 1. **Malware Protection** | Computer Associates |  | |
|  | Forefront Endpoint Protection |  | |
|  | McAfee |  | |
|  | Sophos |  | |
|  | Symantec |  | |
| 1. **Office Productivity** | File Maker Pro |  | |
|  | Microsoft Office Suite | Or its components | |
|  | OpenOffice |  | |
| 1. **Print Management** | Print Manager Plus |  | |
|  | Papercut MF |  | |
|  |  |  | |
| **8. Software** | | | |
| **Sub Category:** | **Item:** | **Comments:** | |
| 1. **Terminal Servers** | Citrix |  | |
|  | Microsoft |  | |
| **9. Servers** | | | |
| **Sub Category:** | **Item:** | **Comments:** | |
| 1. **Standard** | Apple | NNI | |
|  | Dell |  | |
|  | HP |  | |
|  | Lenovo |  | |
|  | Nexlink | Seneca Data—NNI | |
|  |  |  | |
| 1. **SAN** | Dell/Equalogic Storage Solutions |  | |
|  | HP/Lefthand Storage Works |  | |
|  |  |  | |
| **10. Server Backup** | | | |
| **Sub Category:** | **Item:** | **Comments:** | |
| 1. **Hardware** | Exagrid |  | |
|  | IdealStor Backup Appliance Hardware Solutions | Hardware only: Teralyte, FraneNAS, and the IdealStor Backup appliance- excludes iBac product | |
|  | Tape Backup as recommended by server manufacturer |  | |
| 1. **Software** | ARCServ |  | |
|  | Backup Exec |  | |
|  | NovaStor |  | |
|  | Paragon Backup and Restore |  | |
|  | Retrospect MAC OSX |  | |
|  | Veeam Backup and Replication |  | |
|  | Yosemite/Novanet |  | |
|  |  |  | |
| **11. UPS** | | | |
| **Sub Category:** | **Item:** | **Comments:** | |
|  |  |  | |
|  |  |  | |
| **12. Virtualization** | | | |
| **Sub Category:** | **Item:** | **Comments:** | |
| 1. **Desktop Application** | Oracle Virtual Box |  | |
|  | Parallel |  | |
|  | Spoon Virtual Application Studio |  | |
|  | VMWare Fusion |  | |
| 1. **Private Cloud** | Classlink-Launchpad |  | |
|  | WebNetwork- Stoneware |  | |
| 1. **Workstations** | nComputing |  | |
|  |  |  | |
| **13. Communications Equipment\*** | | | |
| 1. **Routers/Switches** | Avaya-Nortel Systems | Shipping documentation and software have to be relabeled by Avaya by 12/19/2010 | |
|  | Cisco |  | |
|  | Cisco Meraki Cloud Managed Switch Gear | Must consult with WNYRIC WAN Senior Engineer prior to purchase | |
| 1. **Wireless Access Points** | Apple |  | |
|  | Aruba |  | |
|  | Avaya-Nortel Systems |  | |
|  | Cisco |  | |
|  | Meraki/Cisco |  | |
|  | MERU |  | |
| 1. **Wireless Bridge** | LigoWare |  | |
|  | Ubiquiti |  | |
|  |  |  | |
| **14. VoIP\*** | | | |
|  | Avaya |  | |
|  | Cisco |  | |
|  |  |  | |
| **15. Video Conferencing** | | | |
| 1. **Hardware Appliance Based** | Cisco Tanberg Videoconferencing |  | |
|  | Polycom Videoconferencing |  | |
| 1. **Software Based** |  |  | |
|  |  |  | |
| **16. Network Optimization** | | | |
|  | Veloxum | NNI | |
|  | Vmware Vcenter Operations Manager |  | |
|  |  |  | |
| **17. End Point Management** | | | |
|  | Faronics Deep Freeze Cloud Connector |  | |
|  | IBM TEM | Tivoli Endpoint Management | |
|  | Impero | Accessible on local network only | |
|  | JAMF Casper Suite |  | |
|  | SCCM | 2013 SP1 and newer | |

\* **These categories (Communications Equipment, VoIP) would require:**

1. ***At least 2 districts from 2 separate BOCES must complete an Add Form for Communication Equipment and VoIP.***
2. ***Both districts must complete a Proof of Concept and report back to the committee.***